



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 1389

SERIAL NUMBER 09/311,562	FILING DATE 05/14/1999  RULE	CLASS 370	GROUP ART UNIT 2665	ATTORNEY DOCKET NO. 1999-0045-(2)	
APPLICANTS  LEONARD J. CIMINI, REDBANK, NJ;  BRUCE MCNAIR, REDBANK, NJ;  ** CONTINUING DATA *****  ** FOREIGN APPLICATIONS *****  IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 06/04/1999					
Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance Verified and Acknowledged Examiner's Signature _____ Initials _____		STATE OR COUNTRY NJ	SHEETS DRAWING 11	TOTAL CLAIMS 82	INDEPENDENT CLAIMS 4
ADDRESS 26652 AT&T CORP. P.O. BOX 4110 MIDDLETOWN, NJ 07748					
TITLE METHOD FOR ESTIMATING TIME AND FREQUENCY OFFSET IN AN OFDM SYSTEM					
FILING FEE  RECEIVED 1954	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue )		